



U. S. ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

MEMORANDUM

PC Code: 055501
DP Barcode: D341198,
341199, 341201
Date: March 31, 2008

SUBJECT: Review of Section 3 New Application Method, Thermal Fogging, for the use of Ethoxyquin (Xedaquin A) on Pears

TO: John Bazuin, Risk Manager Reviewer
Tony Kish, Risk Manager
Registration Division (7505P)

FROM: Marietta Echeverria, Environmental Scientist
Environmental Risk Branch IV/EFED (7507P)

Marietta Echeverria 3/31/08

THROUGH: Elizabeth Behl, Chief
Environmental Risk Branch IV/EFED (7507P)

E. Behl 3-31-08

The Environmental Fate and Effects Division (EFED) reviewed the environmental impact of a new product (Xedaquin A) that uses a post-harvest thermal fogging application technique to treat pears for scald during storage. The application method specified on the label calls for applications to a treatment room that is enclosed with plastic sheet which is sealed with duct tape. Ethoxyquin is currently registered for use on pears through a post-harvest indoor application via a drench and/or impregnated wrap. Similar to the currently registered products, the proposed method of application will also be limited to indoor applications and therefore, the potential for environmental exposures are limited. Based on the limited potential exposure from the proposed application technique, potential risks to terrestrial and aquatic non-target organisms, including endangered species, are not anticipated.